

## SEQUENCE LISTING

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<120> SECRETED POLYPEPTIDE SPECIES REDUCED IN CARDIOVASCULAR DISORDERS

<130> 5031-WO01

<150> US 60/438,643

<151> 2003-01-07

<160> 5

<170> PatentIn version 3.1

<210> 1

<211> 466

<212> PRT

<213> Homo sapiens

<400> 1

Met Val Arg Ser Val Ala Trp Ala Gly Phe Met Val Leu Leu Met Ile  
1 5 10 15

Pro Trp Gly Ser Ala Ala Lys Leu Val Cys Tyr Phe Thr Asn Trp Ala  
20 25 30

Gln Tyr Arg Gln Gly Glu Ala Arg Phe Leu Pro Lys Asp Leu Asp Pro  
35 40 45

Ser Leu Cys Thr His Leu Ile Tyr Ala Phe Ala Gly Met Thr Asn His  
50 55 60

Gln Leu Ser Thr Thr Glu Trp Asn Asp Glu Thr Leu Tyr Gln Glu Phe  
65 70 75 80

Asn Gly Leu Lys Lys Met Asn Pro Lys Leu Lys Thr Leu Leu Ala Ile  
85 90 95

Gly Gly Trp Asn Phe Gly Thr Gln Lys Phe Thr Asp Met Val Ala Thr  
100 105 110

Ala Asn Asn Arg Gln Thr Phe Val Asn Ser Ala Ile Arg Phe Leu Arg  
115 120 125

Lys Tyr Ser Phe Asp Gly Leu Asp Leu Asp Trp Glu Tyr Pro Gly Ser  
130 135 140

Gln Gly Ser Pro Ala Val Asp Lys Glu Arg Phe Thr Thr Leu Val Gln  
145 150 155 160

Asp Leu Ala Asn Ala Phe Gln Gln Glu Ala Gln Thr Ser Gly Lys Glu  
165 170 175

Arg Leu Leu Leu Ser Ala Ala Val Pro Ala Gly Gln Thr Tyr Val Asp  
 180 185 190  
 Ala Gly Tyr Glu Val Asp Lys Ile Ala Gln Asn Leu Asp Phe Val Asn  
 195 200 205  
 Leu Met Ala Tyr Asp Phe His Gly Ser Trp Glu Lys Val Thr Gly His  
 210 215 220  
 Asn Ser Pro Leu Tyr Lys Arg Gln Glu Glu Ser Gly Ala Ala Ala Ser  
 225 230 235 240  
 Leu Asn Val Asp Ala Ala Val Gln Gln Trp Leu Gln Lys Gly Thr Pro  
 245 250 255  
 Ala Ser Lys Leu Ile Leu Gly Met Pro Thr Tyr Gly Arg Ser Phe Thr  
 260 265 270  
 Leu Ala Ser Ser Ser Asp Thr Arg Val Gly Ala Pro Ala Thr Gly Ser  
 275 280 285  
 Gly Thr Pro Gly Pro Phe Thr Lys Glu Gly Gly Met Leu Ala Tyr Tyr  
 290 295 300  
 Glu Val Cys Ser Trp Lys Gly Ala Thr Lys Gln Arg Ile Gln Asp Gln  
 305 310 315 320  
 Lys Val Pro Tyr Ile Phe Arg Asp Asn Gln Trp Val Gly Phe Asp Asp  
 325 330 335  
 Val Glu Ser Phe Lys Thr Lys Val Ser Tyr Leu Lys Gln Lys Gly Leu  
 340 345 350  
 Gly Gly Ala Met Val Trp Ala Leu Asp Leu Asp Asp Phe Ala Gly Phe  
 355 360 365  
 Ser Cys Asn Gln Gly Arg Tyr Pro Leu Ile Gln Thr Leu Arg Gln Glu  
 370 375 380  
 Leu Ser Leu Pro Tyr Leu Pro Ser Gly Thr Pro Glu Leu Glu Val Pro  
 385 390 395 400  
 Lys Pro Gly Gln Pro Ser Glu Pro Glu His Gly Pro Ser Pro Gly Gln  
 405 410 415  
 Asp Thr Phe Cys Gln Gly Lys Ala Asp Gly Leu Tyr Pro Asn Pro Arg  
 420 425 430  
 Glu Arg Ser Ser Phe Tyr Ser Cys Ala Ala Gly Arg Leu Phe Gln Gln  
 435 440 445  
 Ser Cys Pro Thr Gly Leu Val Phe Ser Asn Ser Cys Lys Cys Cys Thr  
 450 455 460  
 Trp Asn  
 465

<210> 2  
 <211> 444  
 <212> PRT  
 <213> Homo sapiens

<400> 2

Lys Leu Val Cys Tyr Phe Thr Asn Trp Ala Gln Tyr Arg Gln Gly Glu  
 1 5 10 15

Ala Arg Phe Leu Pro Lys Asp Leu Asp Pro Ser Leu Cys Thr His Leu  
 20 25 30

Ile Tyr Ala Phe Ala Gly Met Thr Asn His Gln Leu Ser Thr Thr Glu  
 35 40 45

Trp Asn Asp Glu Thr Leu Tyr Gln Glu Phe Asn Gly Leu Lys Lys Met  
 50 55 60

Asn Pro Lys Leu Lys Thr Leu Leu Ala Ile Gly Gly Trp Asn Phe Gly  
 65 70 75 80

Thr Gln Lys Phe Thr Asp Met Val Ala Thr Ala Asn Asn Arg Gln Thr  
 85 90 95

Phe Val Asn Ser Ala Ile Arg Phe Leu Arg Lys Tyr Ser Phe Asp Gly  
 100 105 110

Leu Asp Leu Asp Trp Glu Tyr Pro Gly Ser Gln Gly Ser Pro Ala Val  
 115 120 125

Asp Lys Glu Arg Phe Thr Thr Leu Val Gln Asp Leu Ala Asn Ala Phe  
 130 135 140

Gln Gln Glu Ala Gln Thr Ser Gly Lys Glu Arg Leu Leu Leu Ser Ala  
 145 150 155 160

Ala Val Pro Ala Gly Gln Thr Tyr Val Asp Ala Gly Tyr Glu Val Asp  
 165 170 175

Lys Ile Ala Gln Asn Leu Asp Phe Val Asn Leu Met Ala Tyr Asp Phe  
 180 185 190

His Gly Ser Trp Glu Lys Val Thr Gly His Asn Ser Pro Leu Tyr Lys  
 195 200 205

Arg Gln Glu Glu Ser Gly Ala Ala Ala Ser Leu Asn Val Asp Ala Ala  
 210 215 220

Val Gln Gln Trp Leu Gln Lys Gly Thr Pro Ala Ser Lys Leu Ile Leu  
 225 230 235 240

Gly Met Pro Thr Tyr Gly Arg Ser Phe Thr Leu Ala Ser Ser Ser Asp  
 245 250 255

Thr Arg Val Gly Ala Pro Ala Thr Gly Ser Gly Thr Pro Gly Pro Phe  
 260 265 270  
 Thr Lys Glu Gly Gly Met Leu Ala Tyr Tyr Glu Val Cys Ser Trp Lys  
 275 280 285  
 Gly Ala Thr Lys Gln Arg Ile Gln Asp Gln Lys Val Pro Tyr Ile Phe  
 290 295 300  
 Arg Asp Asn Gln Trp Val Gly Phe Asp Asp Val Glu Ser Phe Lys Thr  
 305 310 315 320  
 Lys Val Ser Tyr Leu Lys Gln Lys Gly Leu Gly Gly Ala Met Val Trp  
 325 330 335  
 Ala Leu Asp Leu Asp Asp Phe Ala Gly Phe Ser Cys Asn Gln Gly Arg  
 340 345 350  
 Tyr Pro Leu Ile Gln Thr Leu Arg Gln Glu Leu Ser Leu Pro Tyr Leu  
 355 360 365  
 Pro Ser Gly Thr Pro Glu Leu Glu Val Pro Lys Pro Gly Gln Pro Ser  
 370 375 380  
 Glu Pro Glu His Gly Pro Ser Pro Gly Gln Asp Thr Phe Cys Gln Gly  
 385 390 395 400  
 Lys Ala Asp Gly Leu Tyr Pro Asn Pro Arg Glu Arg Ser Ser Phe Tyr  
 405 410 415  
 Ser Cys Ala Ala Gly Arg Leu Phe Gln Gln Ser Cys Pro Thr Gly Leu  
 420 425 430  
 Val Phe Ser Asn Ser Cys Lys Cys Cys Thr Trp Asn  
 435 440

<210> 3  
 <211> 146  
 <212> PRT  
 <213> Homo sapiens

<400> 3

Met Asn Pro Lys Leu Lys Thr Leu Leu Ala Ile Gly Gly Trp Asn Phe  
 1 5 10 15  
 Gly Thr Gln Lys Phe Thr Asp Met Val Ala Thr Ala Asn Asn Arg Gln  
 20 25 30  
 Thr Phe Val Asn Ser Ala Ile Arg Phe Leu Arg Lys Tyr Ser Phe Asp  
 35 40 45  
 Gly Leu Asp Leu Asp Trp Glu Tyr Pro Gly Ser Gln Gly Ser Pro Ala  
 50 55 60

Val Asp Lys Glu Arg Phe Thr Thr Leu Val Gln Asp Leu Ala Asn Ala  
65 70 75 80

Phe Gln Gln Glu Ala Gln Thr Ser Gly Lys Glu Arg Leu Leu Leu Ser  
85 90 95

Ala Ala Val Pro Ala Gly Gln Thr Tyr Val Asp Ala Gly Tyr Glu Val  
100 105 110

Asp Lys Ile Ala Gln Asn Leu Asp Phe Val Asn Leu Met Ala Tyr Asp  
115 120 125

Phe His Gly Ser Trp Glu Lys Val Thr Gly His Asn Ser Pro Leu Tyr  
130 135 140

Lys Arg  
145

<210> 4  
<211> 102  
<212> PRT  
<213> Homo sapiens

<400> 4

Tyr Ser Phe Asp Gly Leu Asp Leu Asp Trp Glu Tyr Pro Gly Ser Gln  
1 5 10 15

Gly Ser Pro Ala Val Asp Lys Glu Arg Phe Thr Thr Leu Val Gln Asp  
20 25 30

Leu Ala Asn Ala Phe Gln Gln Glu Ala Gln Thr Ser Gly Lys Glu Arg  
35 40 45

Leu Leu Leu Ser Ala Ala Val Pro Ala Gly Gln Thr Tyr Val Asp Ala  
50 55 60

Gly Tyr Glu Val Asp Lys Ile Ala Gln Asn Leu Asp Phe Val Asn Leu  
65 70 75 80

Met Ala Tyr Asp Phe His Gly Ser Trp Glu Lys Val Thr Gly His Asn  
85 90 95

Ser Pro Leu Tyr Lys Arg  
100

<210> 5  
<211> 21  
<212> PRT  
<213> Homo sapiens

<400> 5

Phe Thr Thr Leu Val Gln Asp Leu Ala Asn Ala Phe Gln Gln Glu Ala  
1 5 10 15

Gln Thr Ser Gly Lys  
20

**Table 1**

Peptide Sequence (SEQ ID NO:5)	CEX	Salt	RP1	% B	Run #
FTTLVQDLANAFQQEAQTSGK	9	175 mM	16	49.0	154234_15
FTTLVQDLANAFQQEAQTSGK	9	175 mM	16	49.0	154234_13
FTTLVQDLANAFQQEAQTSGK	9	175 mM	20	56.7	130966_07
FTTLVQDLANAFQQEAQTSGK	9	175 mM	16	49.0	154234_16
FTTLVQDLANAFQQEAQTSGK	9	175 mM	16	49.0	154234_14
FTTLVQDLANAFQQEAQTSGK	9	175 mM	16	49.0	154234_12